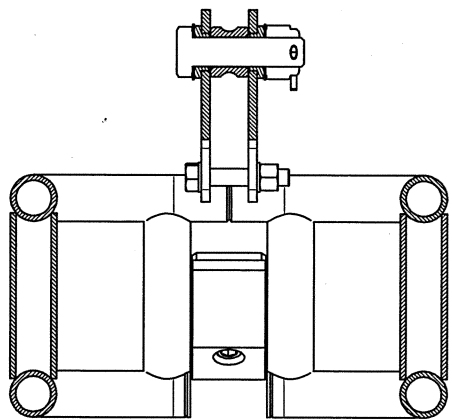
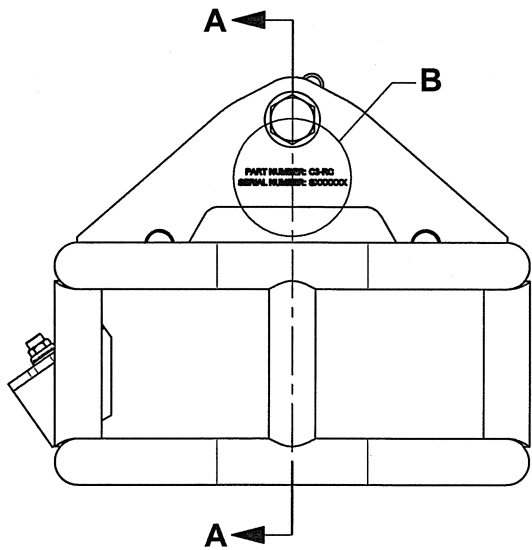
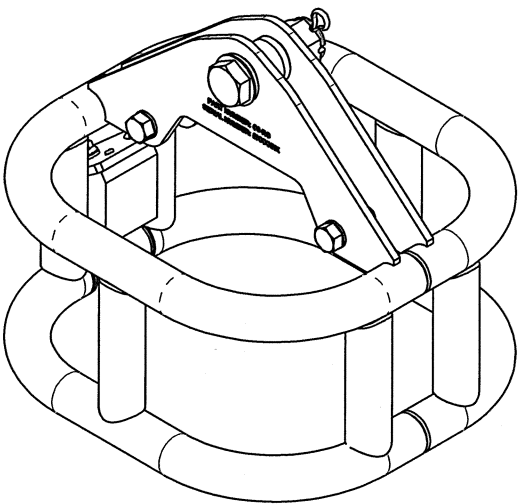
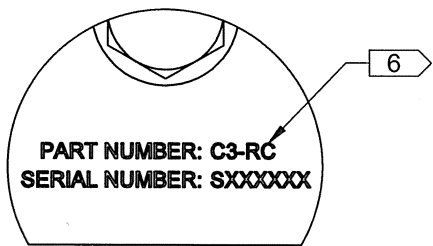


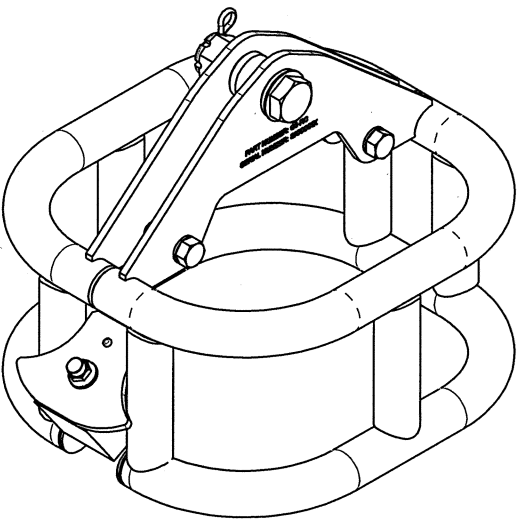
ITEM #	QTY	PART #	PART TITLE
-1	1	C3-RC-1	C3 RING CAGE WELDMENT
2	1	C3-C-8	LIFTING BUSHING
3	1	C3-C-15	BUMPER ASSY
4	2	AN6-17A	CAD. PLATED STEEL HEX BOLT 3/8"-24 X 1.313" GRIP LG. X 1.953" LG.
5	1	AN10-22	CAD. PLATED STEEL HEX BOLT 5/8"-18 X 1.438" GRIP LG. X 2.391" LG.
6	1	AN310-10	CAD. PLATED STEEL CASTELLATED HEX NUT 5/8"-18 X 23/32" HT.
7	1	MS21042-6	CAD. PLATED STEEL SELF-LOCKING NUT 3/8"-24 X 0.275" HT.
8	2	MS21044N6	CAD. PLATED STEEL SELF-LOCKING HEX NUT 3/8"-24 X 0.394" HT.
9	1	MS24665-355	CAD. PLATED STEEL COTTER PIN 1/8" DIA. X 1-1/4" LG.
10	6	NAS1149F0663P	CAD. PLATED STEEL WASHER 0.390" ID. X 0.625" OD. X 0.063" THK.
11	2	NAS1149F1032P	CAD. PLATED STEEL WASHER 0.640" ID. X 1.188" OD. X 0.063" THK.
12	1	NAS1351-6-28	BLACK OXIDE STEEL SOCKET HEAD CAP SCREW 3/8"-24 X 1.75" LG.



SECTION A-A



DETAIL B



C3-RC C3 RING CAGE

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) IDENTIFICATION: X-TENSION STAMP T/N AND S/N, AS SHOWN, PER QSI 044 SECTION 6.2
  - 7) ASSEMBLE AS SHOWN
  - 8) TORQUE ITEM 7 TO 13-16 FT-LBS (160-190 IN-LBS)
  - 9) INSTALL ITEM 6 AND ITEM 8 HAND TIGHT
  - 10) DO NOT FOLD COTTER PIN

A	NEW ISSUE		KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	TOOL PART #	REV. A
MFG. APPR.	DP	<b>C3-RC</b>	SHEET 1 OF 6
APPROVED		TITLE	SCALE
		<b>C3 RING CAGE</b>	NTS
DATE	2019-10-02	COPYRIGHT © 2019 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8 7 6 5 4 3 2 1

D

C

B

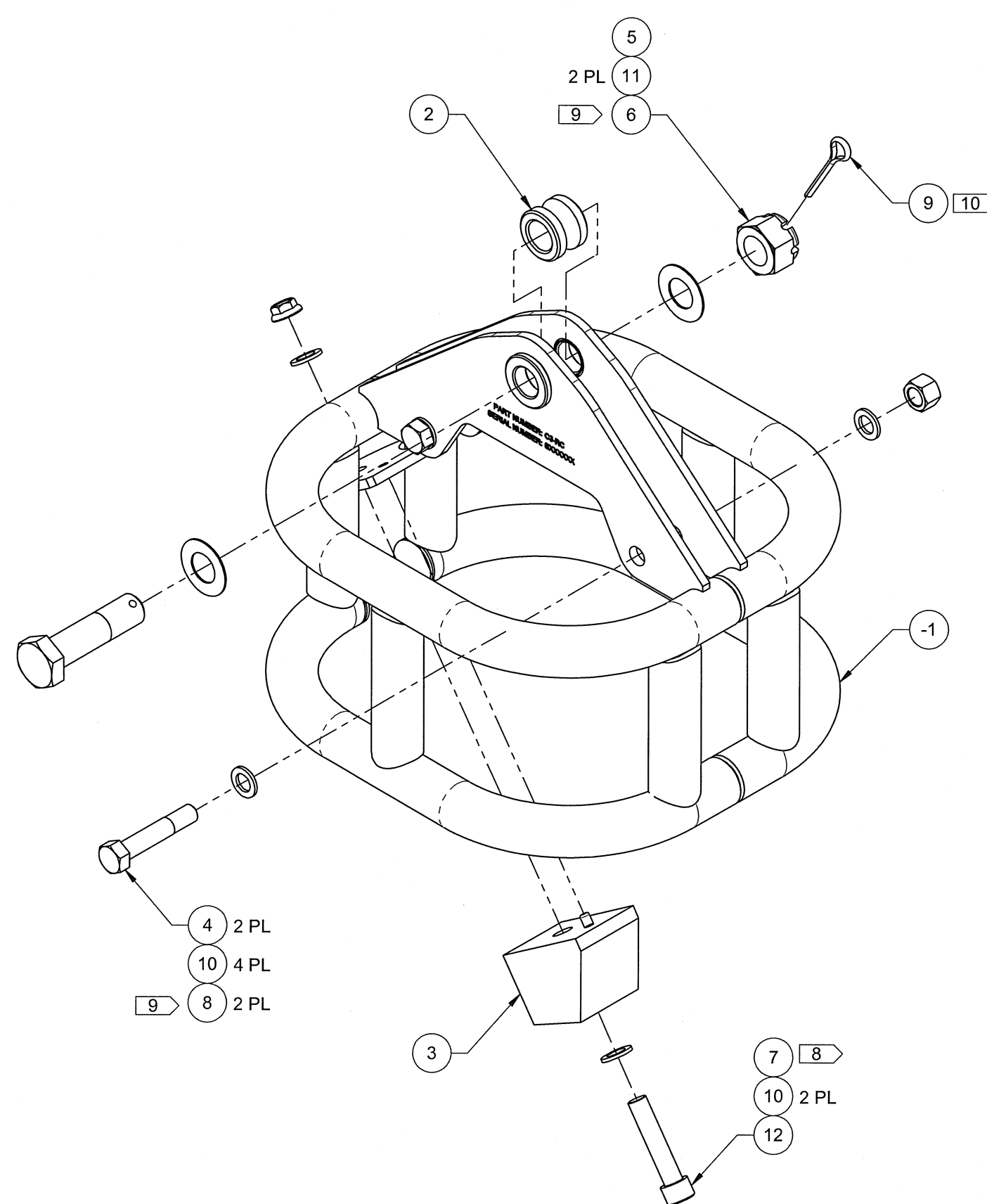
A

D

C

B

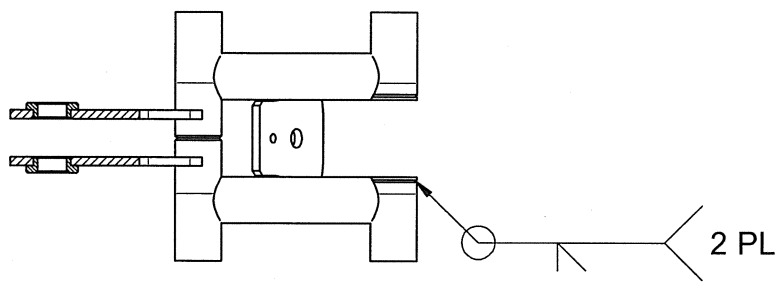
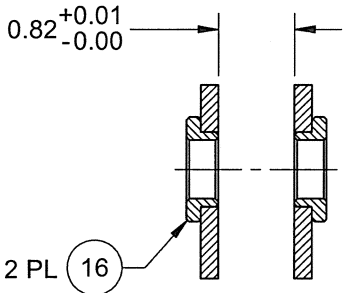
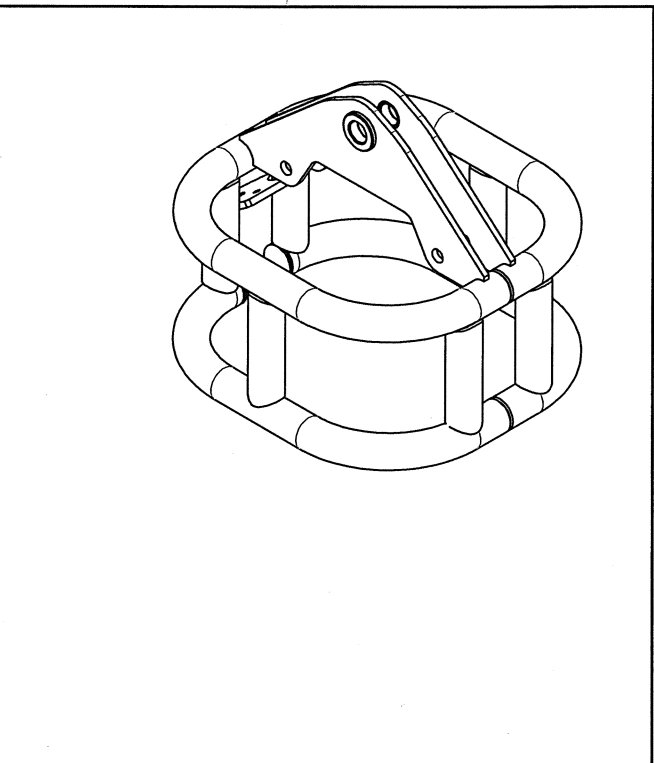
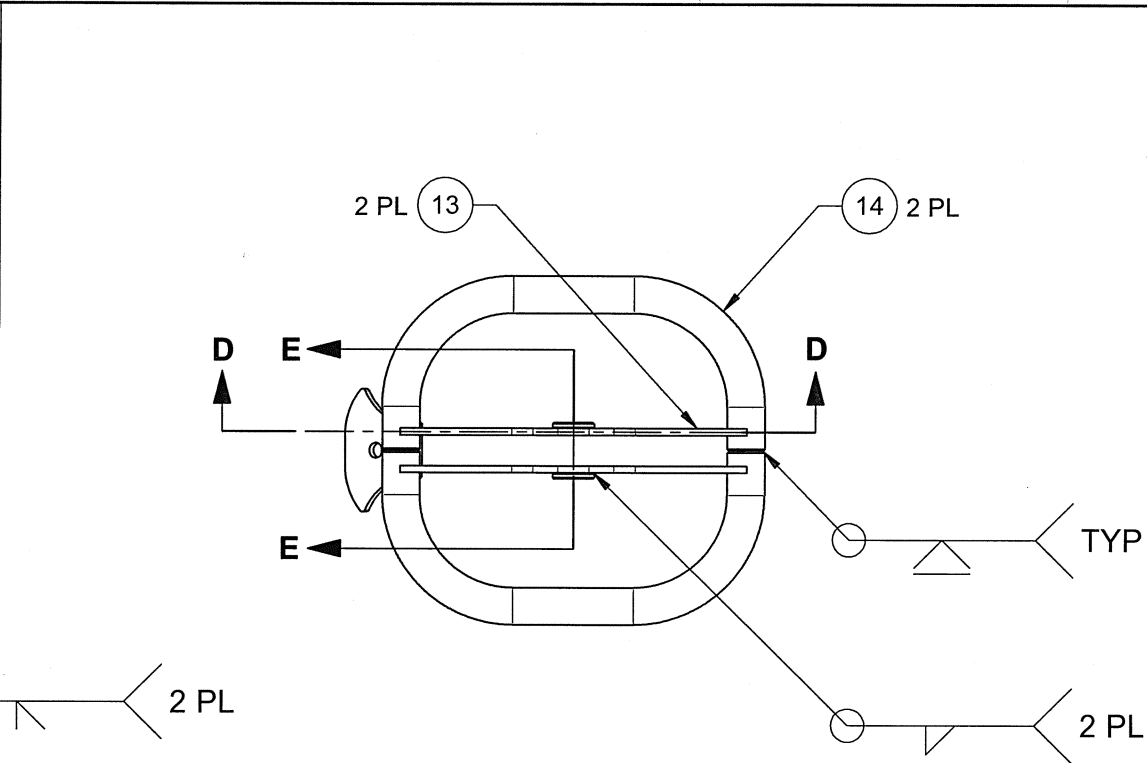
A



DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	TOOL PART #	REV. A
MFG. APPR.	DP	<b>C3-RC</b>	SHEET 2 OF 6
APPROVED		TITLE	SCALE
		<b>C3 RING CAGE</b>	NTS
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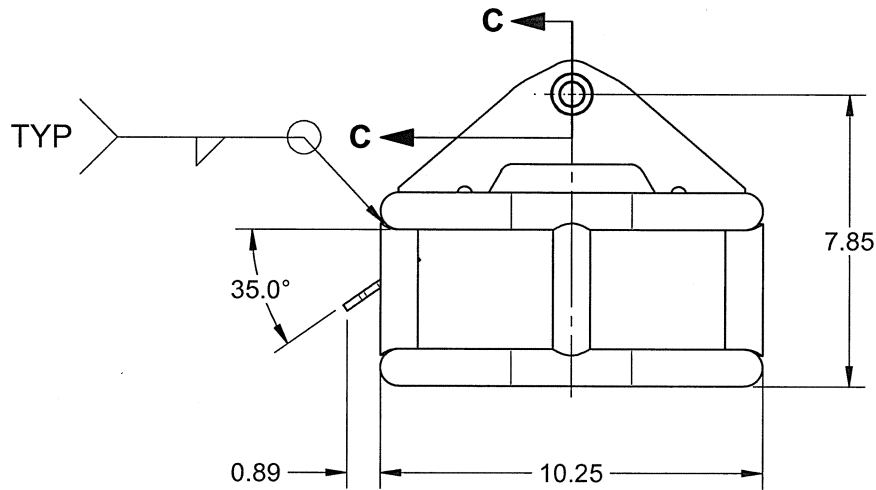
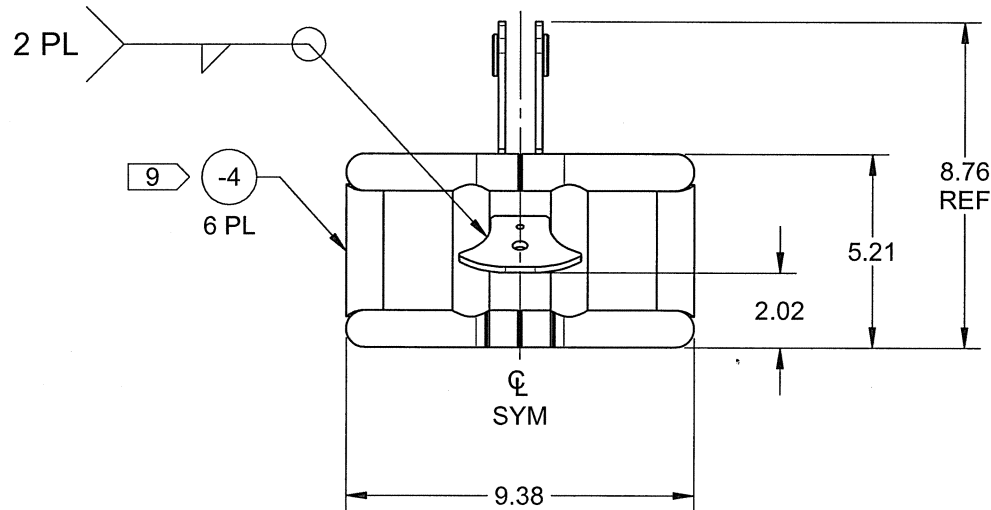
8 7 6 5 4 3 2 1

ITEM #	QTY	PART #	PART TITLE
-2	2	C3-RC-2	BOTTOM SEMI-RING
-3	2	C3-RC-3	TUBE CAP
-4	6	C3-RC-4	STIFFENER BAR
13	2	C3-C-2	LIFTING PLATE
14	2	C3-C-3	TOP SEMI-RING
15	1	C3-C-6	BUMPER BRACKET
16	2	C3-C-7	BOSS

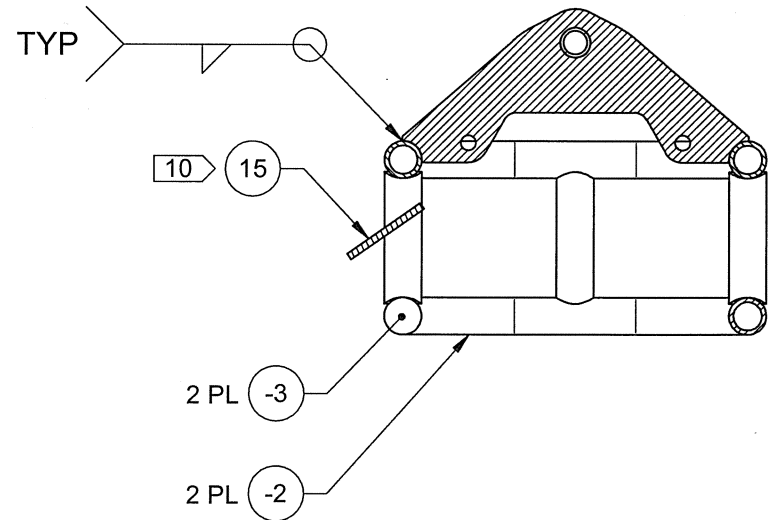


SECTION C-C

SECTION E-E



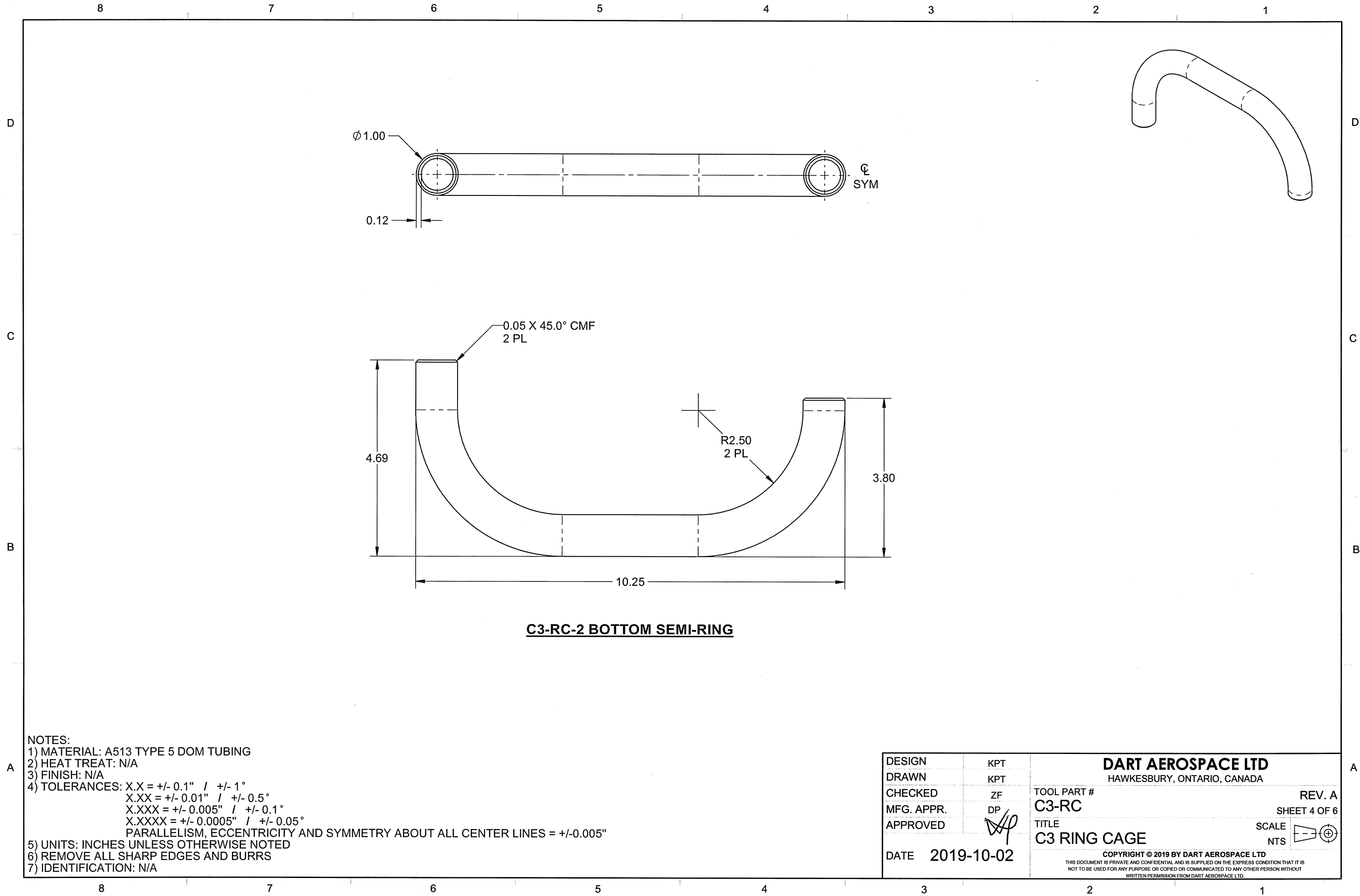
C3-RC-1 C3 RING CAGE WELDMENT

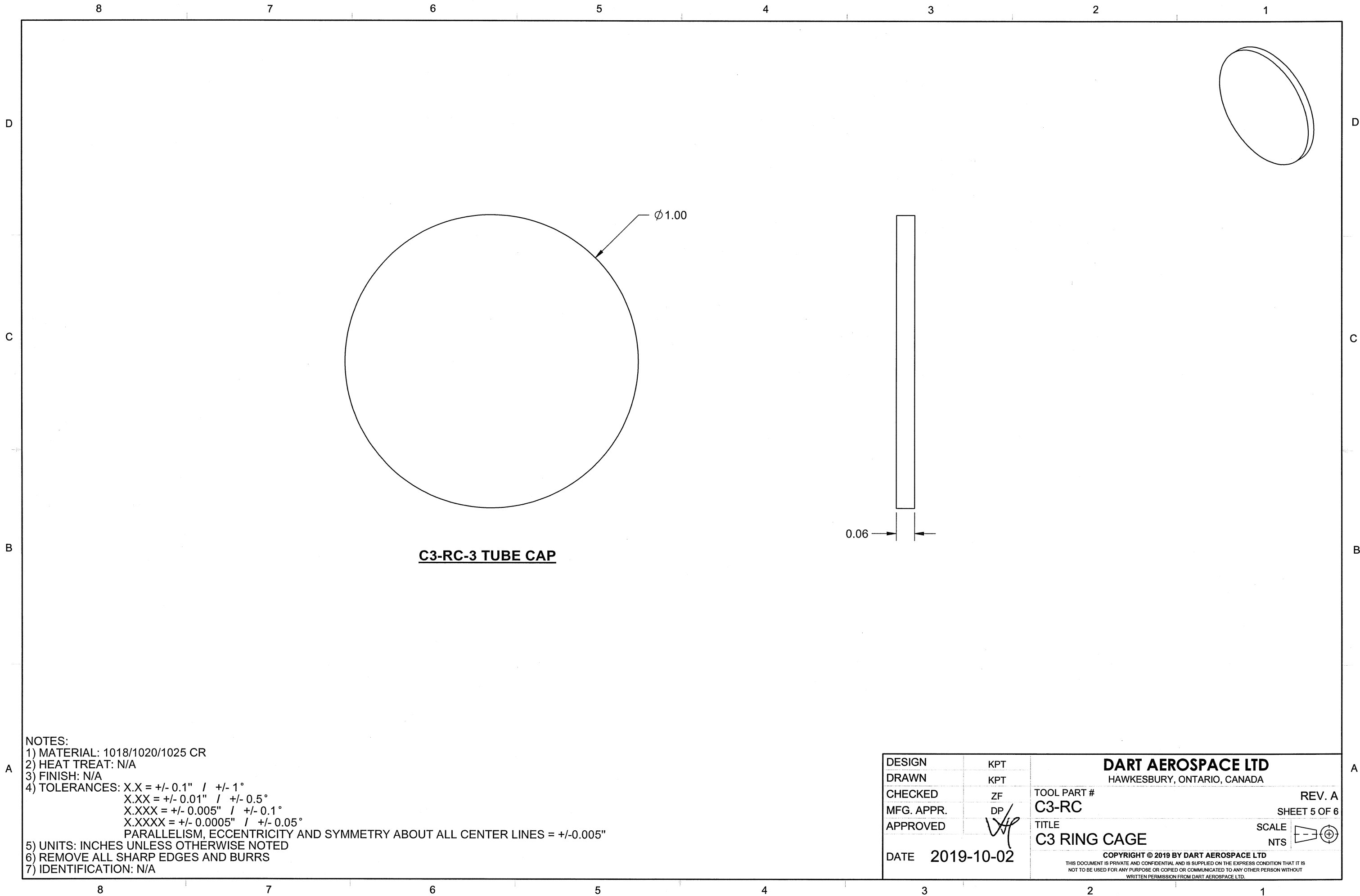


SECTION D-D


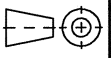
- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: PRIME AND PAINT RED AS PER QSI 005 SECTION 4.2.2
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) IDENTIFICATION: N/A
  - 7) ASSEMBLE AS SHOWN
  - 8) REMOVE ALL SHARP EDGES, BURRS, AND WELD SPATTERS
  - 9) NOTCH ENDS OF ITEM -4 AS REQUIRED, PRIOR TO WELDING
  - 10) TRIM ITEM 15 AS REQUIRED TO MATCH PROFILE OF ITEM -4, PRIOR TO WELDING

DESIGN	KPT	<b>DART AEROSPACE LTD</b>	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	TOOL PART #	REV. A
MFG. APPR.	DP	<b>C3-RC</b>	SHEET 3 OF 6
APPROVED		TITLE	SCALE
		<b>C3 RING CAGE</b>	NTS
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NOTES:  
1) MATERIAL: 1018/1020/1025 CR  
2) HEAT TREAT: N/A  
3) FINISH: N/A  
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
                  X.XX = +/- 0.01" / +/- 0.5°  
                  X.XXX = +/- 0.005" / +/- 0.1°  
                  X.XXXX = +/- 0.0005" / +/- 0.05°  
                  PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"  
5) UNITS: INCHES UNLESS OTHERWISE NOTED  
6) REMOVE ALL SHARP EDGES AND BURRS  
7) IDENTIFICATION: N/A

DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	TOOL PART #	REV. A
MFG. APPR.	DP	<b>C3-RC</b>	SHEET 5 OF 6
APPROVED		TITLE	SCALE
		<b>C3 RING CAGE</b>	NTS 
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